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FORM PTO-1	440	U.S. DEPARTM	ENT OF COL	MALDOL	ATTORNEY DOC	XET NO		Shee	t 1 of 1
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HW	AA	5,617,385	4/1/97	Lee et al.		369			
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pv	AG	EP0 465 246 A2	1/8/92	Europe					<u> </u>
the	AH	EP0 718 845 A2	6/26/96	Europe	•			-	
la	AI	EP0 738 999 A2	10/23/96	Europe				-	
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	ATTORNEY DOCKET NO.	APPLICATION NO.
•	1293.1059 CIP2D2	09/927,495
LIST OF COPENDING APPLICATIONS	FIRST NAMED INVENTOR	
2.5, 5, 55, 2, 5, 6, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,	Jung-wan KO et al.	
400 0 - 8	FILING DATE	GROUP ART UNIT
B APR 0 3 2002 . Kg	August 13, 2001	2615

The following, prior-filed expending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should be deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER		<u> </u>			
INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
Bul	1	09/263,816	3/8/99	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
bu	2	09/583,877	5/31/00	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
Du	3	09/923,322	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
D.	4	09/923,323	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
Ph	5	09/924,094	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
W	6	09/923,361	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
d	7	09/583,876	5/31/00	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
De la	8	09/927,500	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
M	9	09/927,494	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
11/	10	09/927,496	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
12/	11	09/927,491	8/13/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
W	12	09/923,401	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
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M	14	0/923,399	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
W	15	09/923,321	8/8/01	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
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citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet <u>1</u> of <u>1</u>

ORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					AFTORNEY DOCKET NO. APPLICATION I			
		PATEN	EMARK OFFICE	1293.1059		09/92	7,495	
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Sheet 1 of 2 ATTORNEY DOCKET NO. **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 09/927,495 1293.1059CIP2D2 FIRST NAMED INVENTOR LIST OF REFERENCES CITED BY APPLICANT Jung-wan KO et al. FILING DATE GROUP ART UNIT (Use several sheets if necessary) August 13, 2001 2615 **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT SUB-FILING INITIAL NO. CLASS DATE DATE NAME **CLASS** AA 5,889,746 3/1999 Moriyama et al. RECEIVED AB 4/2002 6,381,403 Tanaka et al. AC 6,449,227 9/2002 Heo, Jung-Kwon - MAY 3 0 2003 AD 6,272,082 8/2001 Ishii et al. -Teethnology Center 2600 AE 6,219,488 4/2001 Mori et al. AF 7/1992 5,131,311 Murakami et al. AG 6,385,387 5/2002 Tanaka et al. AH 5,778,142 7/1998 Taira et al. ΑI 6,392,969 5/2002 Heo, Jung-Kwon AJ 6,208,802 3/2001 Mori et al. AK 5.963.704 10/1999 Mimura et al. **FOREIGN PATENT DOCUMENTS** DOCUMENT SUB-TRANSLATION NO. **CLASS** YES NO DATE COUNTRY **CLASS** AL OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) TRANSLATION YES NO AM **EXAMINER** DATE CONSIDERED *EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



			Sheet <u>2</u> of 2		
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTORNEY DOCKET NO.	APPLICATION NO.		
	PATENT AND TRADEMARK OFFICE	1293.1059CIP2D2	09/927,495		
		FIRST NAMED INVENTOR			
LIST OF REFER	ENCES CITED BY APPLICANT	Jung-wan KO et al.			
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Bu	ВА	5,654,516	8/1997	Tashiro et al.			
De	BB	6,125,232	9/2000	Taira et al.		-	
12/	ВС	6,222,983	4/2001	Heo, Jung-Kwon	DE	CFIVE	
No.	BD	6,067,282	5/2000	Moriyama et al.			
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12	BF	6,198,877	3/2001	Kawamura et al.	Technol	ogy Center 2	900
M	BG	5,703,308	12/1997	Tashiro et al.	-		
M	ВН	5,734,788	3/1998	Nonomura et al.			.=*
1de	ВІ	5,687,160	11/1997	Aotake et al.			
10	BJ	6,289,166	09/2001	Uno et al.		-	
Par	ВК	6,381,403	4/2002	Tanaka et al.			
Im	BL	5,863,206	1/1999	Narusawa et al.		-	

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	ation is in conformance with MPEP 609. Draw line through
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LIST OF COPENDING APPLICATIONS

	AIIACHMENI 1(f)
ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1059CIP2D2	09/927,495
FIRST NAMED INVENTOR	
Jung-wan KO et al.	
FILING DATE	GROUP ART UNIT
August 13, 2001	2615

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

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U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
Bn	1	10/625,735	07/24/03	Jung-wan KO et al.	Samsung Electronics Co., Ltd.
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LIST OF	REF	ERENCES	CITED BY	APPLICANT	Jung-wan K	O et al.	GROUP A	RTUNIT
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m	AA	5,884,004	3/16/99	Sato et al				
My	AB	6,567,371	5/20/03	Otomo				
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Sheet 1 of 1 ATTORNEY DOCKET NO. U.S. DEPARTMENT OF COMMERCE **FORM PTO-1449** PATENT AND TRADEMARK OFFICE 09/927,495 1293.1059CIP2D2 FIRST NAMED INVENTOR LIST OF REFERENCES CITED BY APPLICANT Jung-wan KO et al. FILING DATE GROUP ART UNIT (Use several sheets if necessary)

August 13, 2001

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
the	AA	5,555,098	09/1996	Parolsky			
Br	AB	5,778,142	7/1998	Taira et al.	-		
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the	AG	6-20443	01/1994	Japan		- X
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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Sheet 1 of 1 ATTORNEY DOCKET NO. **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 09/927,495 1293.1059CIP2D2 FIRST NAMED INVENTOR LIST OF REFERENCES CITED BY APPLICANT Jung-wan KO et al. FILING DATE **GROUP ART UNIT** (Use several sheets if necessary) 2616 August 13, 2001 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT SUB-FILING INITIAL NO. CLASS DATE DATE NAME **CLASS** AA AB AC FOREIGN PATENT DOCUMENTS DOCUMENT **ABSTRACT** NO. DATE COUNTRY **TRANSLATION** YES AG AH TRANSLATION OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) YES NO Japanese Office Action from Japanese Divisional Application No. 2002-**AM** 199243 Japanese Office Action from Japanese Divisional Application No. 2002-AN 199244. DATE CONSIDERED EXAMINER *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



			Sheet 1 of 1
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTORNEY DOCKET NO.	APPLICATION NO.
	PATENT AND TRADEMARK OFFICE	1293.1059CIP2D2	09/927,495
		FIRST NAMED INVENTOR	
LIST OF REFER	ENCES CITED BY APPLICANT	Jung-wan KO et al.	
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U.S. PATENT DOCUMENTS

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
the	AA	6,148,138	11/2000	Sawabe et al.			
the	AB	5,555,098	10/1996	Parulski		/	
M	AC	5,902,115	05/1999	Katayama			
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
Bu	AG	JP 06-20443	01/1994	Japan		Х
d	AH	JP 08-339194	12/1996	Japan		х
1de	Al	JP 09-252450	09/1997	Japan		Х
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OTHER RE	FEREN	CES (Including Author, Title, Date, Pertinent Pages, Etc.)	TRANSL YES	ATION NO
	АМ	Office Action issued in Japanese Patent Divisional Application No. 2002-199241 on October 18, 2005.		x

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EXPLANATIONS OF RELEVANCY OF REFERENCES

	NI IACHMENI 1(8)
ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1059CIP2D2	09/927,495
FIRST NAMED INVENTOR	
Jung-wan KO et al.	
FILING DATE	GROUP ART UNIT
August 13, 2001	2616

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U.S. Patent 5,555,098 corresponds to JP 6-20443.

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U.S. Patent 5,778,142 corresponds to JP 8-263969.

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WO 97/13366 and JP8-272541 are references in Office Action but were previously submitted.



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ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY	
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ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1059CIP2D2	09/927,495
FIRST NAMED INVENTOR	
Jung-wan KO et al.	
FILING DATE	GROUP ART UNIT
August 13, 2001	2616

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U.S. Patent No. 6,567,371 corresponds to Japanese Publication No. 11-213569

U.S. Patent No. 5,884,004 corresponds to WO97/13366



EXPLANATIONS OF RELEVANCY OF REFERENCES

	ATTACHMENT 1(e)
ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1059CIP2D2	09/927,495
FIRST NAMED INVENTOR	
Jung-wan KO et al.	
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JP,6-20443, JP-8-263969, WO 97/13366 and JP8-272541 are references in Office Actions but were previously submitted.



EXPLANATIONS OF RELEVANCY OF REFERENCES

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	Jung-wan KO et al.		
	FILING DATE	GROUP ART UNIT	
	August 13, 2001	2616	

* Reference AA (6,148,138) is substantially equivalent to Reference AI (JP 09-252450).

#C*Reference AB (5,555,098) is substantially equivalent to Reference AG (JP 06-20443).

At Reference AC (5,902,115) is substantially equivalent to Reference AH (JP 08-339194).